

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Research in Botany</a>
Manuscript Number:	Ms_AJRIB_93233
Title of the Manuscript:	Phytochemical screening, antioxidant activity and UHPLC fingerprinting of methanolic extract of the fruits of <i>Quercus semiserrata</i> Roxb. from Meghalaya India
Type of the Article	Original Research Article

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>Abstract: Abstracts are clearly separated between: Introduction, Objectives, Variables and Methods, Conclusion Keywords: Phytochemicals, antioxidant activity, Quercus semiserrata Roxb fruit extract, UPHPLC Glossary: Move to Attachments only On Introduction The following sentence in paragraph 2, throw it away (delete) "This study mainly aims to examine the antioxidant activity of the fruit" Point 2.4 Quantitative phytochemical analysis Give an introductory sentence before going to point 2.4.1 "Quantitative phytochemical analysis includes the determination of the total phenolic content and the total flavonol content." 2.4.1 determination of total phenolic content (add citation) 2.4.2 determination of total flavonol content (add citation) Points 2.5.2 Give an introductory sentence before going to point 2.5.1 2.5.1 ..... (add citation) 2.5.2 ..... (add citation) Pont 2.5.3 Reduced Power Test (add citation) Point 2.6 Carotenoid estimation (add citation) Pont 2.7 ..... (add citation) Point 3. Results and Discussion The qualitative phytochemical analysis is 3.1 note 3.3 3.4 change to 3.2 Quantitative phytochemical analysis Discuss Table2 Images 1 and 2 move to the Appendix 3.5 change to 3.3 Antioxidant activity in vitro In paragraph 1 of the following sentence, move it to point 3.2 "IC50 or ascorbic acid inhibitory concentrations for DDPH were 13.74 g/ml and 15.88 g/ml for ABTS (Table 2)." Discuss: Compare DPPH radical scavenging activity with ascorbic acid Compare DPPH radical scavenging activity with ABTS The reduced Power Test is 3.4. point In figure 7: what value is on the y-axis? 3.6 change to 3.5 3.7 change to 3.6 UHPLC analysis Were the ascorbic acid et al. chromatograms and the Q. semiserrata chromatograms observed at different wavelengths? 27, 6 nm vs. 276 nm? Antioxidant properties of tannins..... related to oxidative stress (add citation)</p>	
<b>Minor</b> REVISION comments	pay attention to the numbering of the subtitles	
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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